

LISTING OF THE CLAIMS:

1. (Withdrawn) A system for mediating invoice data, the system comprising:
 - a reference table that maintains a data identifier related to invoice data and a mediation information associated with the data identifier, the mediation information identifying a mediation process for the invoice data; and
 - a mediation component in communication with the reference table, the mediation component configured to use the data identifier to obtain the associated mediation information to perform the mediation process on the invoice data.

2. (Withdrawn) The system of Claim 1, wherein the data identifier identifies a data source of the invoice data and the mediation component is operable to perform the mediation process on the source data based on the mediation information registered in the reference table.

3. (Withdrawn) The system of Claim 2, wherein the data is billing data.

4. (Withdrawn) The system of Claim 1, further comprising a special handling function controller and workflow adjustment controller, the special handling function controller and workflow adjustment controller in communication with the mediation component.

5. (Withdrawn) The system of Claim 4, wherein the special handling function controller controls at least a portion of the mediation process that processes existing and available data.

6. (Withdrawn) The system of Claim 4, wherein the workflow adjustment controller controls at least a portion of the mediation process that require a workflow adjustment to capture data required for portions of the mediation process.

7. (Withdrawn) The system of Claim 6, further comprising a storage device coupled to the workflow adjustment controller and a processor for processing instructions from the mediation component.

8. (Withdrawn) The system of Claim 4, further comprising a mediation transform unit that transforms the invoice data in accordance with a predetermined structure before either of the special handling function controller and workflow adjustment controller perform portions of the mediation process on the data.

9. (Withdrawn) The system of Claim 8, wherein the predetermined structure is an Extensible Markup Language schema stored in a repository coupled to the mediation transform unit.

10. (Withdrawn) The system of Claim 4, further comprising a data generation unit that outputs data on which the mediation process was performed.

11. (Withdrawn) The system of Claim 4, further comprising a direct data access controller for controlling the output of data from a data generation unit to either of the special handling function controller and the workflow adjustment controller.

12. (Withdrawn) The system of Claim 4, further comprising a user interface coupled to the reference table.

13. (Withdrawn) The system of Claim 12, wherein the user interface is a web service.

14. (Currently Amended) A method for performing a mediation process on invoice data, the method comprising:

registering, with a mediation process manager stored in a computer readable storage media and executed by a processor, a plurality of data identifiers and a plurality of mediation processes in a reference table stored in a computer readable storage media, wherein each of the plurality of data identifiers is registered to correspond to at least one of the plurality of mediation processes;

retrieving, with a mediation transform unit stored in a computer readable media and executed by a processor, invoice data from one or more data sources stored in a computer readable storage media, the invoice data corresponds to one of the plurality of data identifiers;

identifying, with the mediation process manager, the at least one of the plurality of mediation processes to perform on the invoice data [[date]] by determining that the at least one of the plurality of mediation processes are registered in the reference table to correspond with the one of the plurality of data identifiers that corresponds to the invoice data; and

performing the at least one of the plurality of mediation processes on the invoice data to generate a mediated output.

15. (Original) The method of Claim 14, wherein each data identifier identifies a data source and the corresponding mediation process relates to the mediation process to be performed on data from that data source.

16. (Previously Presented) The method of Claim 15, wherein the invoice data is billing data.

17. (Previously Presented) The method of Claim 14, wherein performing the at least one of the plurality of mediation processes on the invoice data includes performing the at least one of the plurality of mediation processes with at least one of a special handling function and a workflow adjustment function on the invoice data.

18. (Previously Presented) The method of Claim 17, further comprising performing a data transformation process in accordance with a predetermined defining structure before performing any of the special handling function and the workflow adjustment function on the invoice data.

19. (Original) The method of Claim 18, wherein the predetermined defining structure is an Extensible Markup Language schema.

20. (Previously Presented) The method of Claim 19 further comprising retrieving data directly from a data generation unit via a direct data access controller, wherein at least one of the special handling function and the workflow adjustment function is performed on the invoice data.

21. (Original) The method of Claim 14, wherein the mediated output is further defined as a mediated invoice.

22. (Previously Presented) The method of Claim 14, wherein the invoices are further defined as telephone bills and wherein the mediated output includes a portion of the call details from the telephone bill.

23. (Previously Presented) The method of Claim 14, wherein performing the at least one of the plurality of mediation processes on the invoice data further comprises:

providing a first billing system that generates a first invoice; and

providing a second billing system that generates a second invoice such that the mediated output is based on at least portions of the first and second invoices.

24. (Withdrawn) A system for processing invoice data, comprising:

a billing system that generates invoices in a first billing format;

a reference table to maintain a data identifier identifying a data source related to the invoices generated in the first billing format and a mediation information associated with the data identifier, the mediation information including a mediation process defining a second format for the data identified by the data identifier; and

a mediation component in communication with the reference table and that uses the data identifier to obtain the associated mediation information to perform the mediation process on the invoice.

25. (Withdrawn) The system of Claim 24, further comprising a second billing system that generates other invoices in other billing formats, and wherein the data identifier further includes the source of the other invoices and the mediation component generates mediated output based on input from both invoices generated by the first and second billing systems.

26. (Withdrawn) The system of Claim 25, wherein the mediated output is a billing invoice in another format.

27. (Withdrawn) The system of Claim 25, wherein the mediated output includes a call details record where the invoices are telephone bill invoices.

28. (Withdrawn) The system of Claim 25, further comprising middleware that uses the mediation component and the reference table to generate the mediated output.

29. (Withdrawn) The system of Claim 25, further comprising:

a storage component that receives data for storage;

a normalization component that normalizes invoice data identified by the data identifier, such that the mediation component uses the normalized data to generate the mediated output.

30. (Withdrawn) The system of Claim 29, wherein normalization component separates invoice data from one or more billing system based on commonalities of the invoice data.

31. (Withdrawn) The system of Claim 29, wherein normalization component separates invoice data from one or more billing system based on commonalities of the first and second billing systems.